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DEPARTMENT OF TRANSPORTATION

National Highway Traffic Safety Administration

[Docket No. NHTSA-2012-0062]

Highway Safety Programs;

Conforming Products List of Screening Devices to Measure Alcohol in Bodily Fluids

AGENCY: National Highway Traffic Safety Administration, Department of Transportation.

ACTION: Notice.

SUMMARY: This notice updates the Conforming Products List (CPL) published in the Federal Register on December 15, 2009 (74 FR 66398) for instruments that conform to the Model Specifications for Screening Devices to Measure Alcohol in Bodily Fluids dated, March 31, 2008 (73 FR 16956).

EFFECTIVE DATE: [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]

FOR FURTHER INFORMATION CONTACT: *For technical issues:* Ms. De Carlo Ciccel, Behavioral Research Division, NTI-131, National Highway Traffic Safety Administration, 1200 New Jersey Avenue S.E., Washington, D.C. 20590; Telephone; (202) 366-1694. *For legal issues:* Ms. Jin Kim, Office of Chief Counsel, NCC-113, National Highway Traffic Safety Administration, 1200 New Jersey Avenue S.E., Washington, D.C. 20590; Telephone: (202) 366-1834.

SUPPLEMENTARY INFORMATION: On August 2, 1994, the National Highway Traffic Safety Administration (NHTSA) published Model Specifications for Screening Devices to Measure Alcohol in Bodily Fluids (59 FR 39382). These specifications established performance criteria and methods for testing alcohol screening devices to measure alcohol content. The

specifications support State laws that target youthful offenders (e.g., “zero tolerance” laws) and the Department of Transportation’s workplace alcohol testing program. NHTSA published its first Conforming Products List (CPL) for screening devices on December 2, 1994 (59 FR 61923), with corrections on December 16, 1994 (59 FR 65128), identifying the devices that meet NHTSA’s Model Specifications for Screening Devices to Measure Alcohol in Bodily Fluids. Five devices appeared on that first list. Thereafter, NHTSA updated the CPL on August 15, 1995 (60 FR 42214), May 4, 2001 (66 FR 22639), September 19, 2005 (70 FR 54972), with corrections on December 5, 2005 (70 FR 72502), and January 31, 2007 (72 FR 4559).

On March 31, 2008, NHTSA published revised Model Specifications for Screening Devices to Measure Alcohol in Bodily Fluids (73 FR 16956). These specifications removed testing of interpretive screening devices (ISDs) because ISDs did not provide an unambiguous test result. These specifications also removed from use the Breath Alcohol Sample Simulator as it is not necessary for testing breath alcohol screening devices. All other performance criteria and test methods were maintained. NHTSA last published an update to the CPL on December 15, 2009 (74 FR 66398). It listed 39 devices.

Today, NHTSA adds nine (9) additional alcohol screening devices that have been evaluated and found to conform to the Model Specifications for Screening Devices to Measure Alcohol in Bodily Fluids. One device is distributed by two different companies, so it has been listed twice, for a total of ten (10) new entries on this CPL.

- (1) AK Solutions USA, LLC, submitted the AlcoMate SafeGuard (Model AL-2500, aka: AlcoScan AL-2500) alcohol screening device. This is a handheld, battery powered device with a semiconductor sensor.

- (2) Alcohol Countermeasure Systems Corp., submitted the DRIVESAFE alcohol screening device. This is a handheld, battery powered device with a fuel cell sensor.
- (3) KHN Solutions, LLC, submitted 2 screening devices for testing. Their trade names are: BACTRACK Element and the BACTRACK S75 Pro. Both devices are handheld, battery powered with fuel cell sensors.
- (4) PAS Systems International, Inc. submitted the Alcovisor MARS screening device. This is a handheld, battery powered device with a fuel cell sensor.
- (5) Q3 Innovations, Inc. submitted the CA2010 screening device. This is a handheld, battery powered device with a semiconductor sensor.
- (6) Skyfine Inc. Ltd. submitted 3 devices (AT577, AT578, and AT579). All three devices are handheld, battery powered, and use fuel cell sensors. The AT578 is also distributed by Express Diagnostics Int'l, Blue Earth, Minnesota under the trade name of AlcoCheck FC90, so it has been listed twice on the CPL, once under each of its distributors/manufacturers.

All of the above devices meet the NHTSA Model Specifications for Screening Devices to Measure Alcohol in Bodily Fluids.

Consistent with the above, NHTSA updates the Conforming Products List of Screening Devices to Measure Alcohol in Bodily Fluids to read as follows:

CONFORMING PRODUCTS LIST OF ALCOHOL SCREENING DEVICES

Distributors / Manufacturers	Devices
AK Solutions, USA, LLC., Palisades Park, New Jersey ¹	<ul style="list-style-type: none"> • AlcoScan AL-2500 • SafeMate² • SafeDrive • AlcoMate³ (aka: AlcoHAWK Pro by Q3 Innovations) • AlcoMate Accu Cell AL-9000 • AlcoMate Pro³ • AlcoMate Core⁴ • AlcoMate Premium AL-7000, with replaceable Premium Sensor Modules (SM-7000)^{4 5}

Alco Check International, Hudsonville, Michigan	Alco Check 3000 D.O.T. ⁷ Alco Check 9000 ⁷
Akers Biosciences, Inc., Thorofare, New Jersey	Breath Alcohol ✓ .02 Detection System ⁸
Alcohol Countermeasure Systems Corp., Toronto, Ontario, Canada	DRIVESAFE
BAC Solutions, Inc., Birmingham, Michigan	BACmaster
B.E.S.T. Labs., Boardman, Ohio	PB 9000e
Chematics, Inc., North Webster, Indiana	ALCO-SCREEN 02™ ⁹
CMI, Inc., Owensboro, Kentucky	Intoxilyzer 500 (aka: Alcometer 500 - Lion Laboratories)
Express Diagnostics Int'l, Inc., Blue Earth, Minnesota	AlcoCheck FC90 (aka: AT578 by Skyfine)
First Innovative Technology Group, Ltd., Hong Kong	AAT198 - Pro
Guth Laboratories, Inc., Harrisburg, Pennsylvania	<ul style="list-style-type: none"> • Alco Tector Mark X • Mark X Alcohol Checker • Alcotector WAT89EC-1 • Alcotector WAT90
Han International Co., Ltd., ² Seoul, Korea	A.B.I. (Alcohol Breath Indicator) (aka: AlcoHAWK ABI by Q3 Innovations)
KHN Solutions, LLC, San Francisco, California	<ul style="list-style-type: none"> • BACTRACK Select S50¹⁰ • BACTRACK Select S80¹⁰ • BACTRACK Element • BACTRACK S 75 Pro
Lion Laboratories, Ltd., Wales, United Kingdom	Alcometer 500 (aka: Intoxilyzer 500 - CMI, Inc.)
OraSure Technologies, Inc., Bethlehem, Pennsylvania	Q.E.D. A150 Saliva Alcohol Test
PAS Systems International, Inc., Fredericksburg, Virginia	<ul style="list-style-type: none"> • PAS Vr • Alcovisor MARS
Q3 Innovations, Inc., Independence, Iowa	<ul style="list-style-type: none"> • AlcoHAWK Precision • AlcoHAWK Slim • AlcoHAWK Slim 2 • AlcoHAWK Elite • AlcoHAWK ABI (aka: A.B.I. (Alcohol Breath Indicator) by Han Intl.) • AlcoHAWK Micro • AlcoHAWK PRO (aka: AlcoMate by AK Solutions) • AlcoHAWK PT 500 • CA2010
Repco Marketing, Inc., Raleigh, North Carolina	Alco Tec III
Seju Engineering Co., Taejeon, Korea	Safe-Slim
Skyfine Inc., Ltd., Kwai Chung, NT, Hong Kong	<ul style="list-style-type: none"> • AT577 • AT578 (aka: AlcoCheck FC90) • AT579
Sound Off, Inc., Hudsonville, Michigan	Digitox D.O.T. ⁷
Varian, Inc., Lake Forest, California	On-Site Alcohol ¹⁰

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(Authority: 23 U.S.C. 403; 49 CFR 1.50; 49 CFR Part 501)

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Jeff Michael

Associate Administrator

Research and Program Development

National Highway Traffic Safety Administration

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